



PHILLIPS HORIZON
LUBRICANTS

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: OPG-4 (Series) Manufacturer/Supplier:
Chemical Family: Petroleum Hydrocarbon Horizon Lubricants Corporation
Use: Multi-Service Lubricant 930 Whitmore Drive
Rockwall, Texas 75087, U.S.A.
Emergency Tel. No.: CHEMTREC U.S.A. & Canada 800-424-9300 (24 hrs)
International 703-527-3887 (Collect)

II. COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
*Antimony (Elemental)	7440-36-0	0.2-0.4	N/D	0.5 mg/m ³	N/D

III. ADVERSE HUMAN HEALTH EFFECTS

Eyes: Any eye contact will cause irritation.
Skin: Prolonged skin contact may cause irritation.
Inhalation: Prolonged breathing of vapors will cause irritation.
Ingestion: Harmful if swallowed.

IV. FIRST AID MEASURES

Eyes: Flush with large amounts of cold water. If irritation persists, SEEK MEDICAL ATTENTION.
Skin: Thoroughly wash exposed area with soap and water.
Inhalation: Provide fresh air. If breathing difficulty persists, SEEK IMMEDIATE MEDICAL ATTENTION.
Ingestion: If cathartic effect persists, SEEK MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide
Unsuitable Extinguishing Media: Not Known
Fire Fighting Protective Equipment: Use organic NIOSHA/MSHA filter-type respirator.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear plastic or neoprene rubber gloves and safety goggles.
Environmental Precautions: Do not allow it to enter drains.
Spillage: Absorb with dry, inert material and shovel up.

VII. HANDLING AND STORAGE

Handling: Keep away from open flame or sparks.
Storage: Keep away from open flame or sparks.

VIII. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection: If overheated, use organic NIOSHA/MSHA filter-type respirator.
Hand Protection: Protective gloves for hypersensitive persons
Eye Protection: Safety Goggles
Body Protection: None

HMIS SYMBOLS

Health	1
Flammability	1
Reactivity	0
PPH	B

MSDS-288

Effective Date: 6-29-01

Revised Date: 4-1-02

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste Color: Black Odor: Petroleum
Boiling Range/point, °F (°C) N/A Melting Point, °F (°C): N/A
Flash Point (COC), °F (°C) >230 (>110) Autoignition Temperature, °F (°C): >600 (>316)
Explosive Properties: LEL: N/A UEL: N/A Evaporation Rate (Butyl Acetate): N/A
Partition Coefficient (Log Pow): N/A Vapor Pressure (kPa): Nil
Density: 0.99-1.01 Flammability: N/A

Oxidizing Properties: None Solubilities in Water: Nil Vapor Density: N/A % Volatiles: Nil

X. STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions.
Conditions to Avoid: Powerful sources of ignition and extreme temperatures.
Materials to Avoid: Strong oxidizing agents.
Decomposition Products: Oxides of carbon, antimony, and sulfur.

XI. TOXICOLOGICAL INFORMATION

Acute Toxicity: Not Known Skin Irritancy: Very Mild
Chronic Toxicity: Not Known Skin Sensitization: None
Sub-acute/Subchronic Toxicity: Not Known Genotoxicity: Not Known
California Prop 65: N/A EC Classification (67/548/EEC): N/A
Carcinogenicity: NTP: No LARC: No OSHA: No
LC-50: Not Available LD-50: Not Available

XII. ECOLOGICAL INFORMATION

Possible Effects: Not Known
Behavior: Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate: Not thought to be toxic to marine or land organisms.

XIII. WASTE DISPOSAL

Product Disposal: Contact waste disposal company or local authority for advice.
Container Disposal: Observe all local, state, and federal regulations.

XIV. TRANSPORT INFORMATION

DOT: Not Regulated UN No.: Not Regulated
Air Transport (ICAO/IATA): Not Regulated
Sea Transport (IMO/IMDG): Not Regulated
Road and Rail Transport (ADR/RID): Not Regulated

XV. REGULATORY INFORMATION

Labeling Information: Not Regulated EC Annex 1 Classification: N/A
R Phrases: N/D
S Phrases: S2 Keep out of the reach of children.
Ozone Depleting Chemicals: None/Nil TSCA: All components listed.
WHMIS (Canada): Not Regulated
EPA Regulation 40 CFR Part 372 (SARA Section 313): See Section II for components with an asterisk.

XVI. OTHER INFORMATION

None

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PHILLIPS KILN

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